

Move Text Search Close

14 JUN 95 16:08:21 U.S. Patent & Trademark Office P0099

US PAT NO: 3,577,050 [IMAGE AVAILABLE] L10: 6 of 6

DETD(8)  
:end

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(FILE 'USPAT' ENTERED AT 14:40:50 ON 14 JUN 95)

SET PAGELENGTH 62

SET LINELENGTH 78

L1 82 S RELUCTANCE GAP  
L2 15 S L1 AND STATOR  
L3 2727 S STATOR (P) (AIR GAP#)  
L4 88 S STATOR AIR GAP#  
L5 52 S L4 NOT (ROTOR STATOR AIR GAP)  
L6 67 S L1 NOT L2  
L7 1 S 3584276/PN AND RELUCTANCE  
L8 28 S RELUCTANCE GAPS  
L9 10 S L8 AND STATOR  
L10 6 S L9 NOT L2

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*10/2*

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L4 contains 426 patents. Do you want to continue? Y / N): y

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may be assembled around the pole tip projections before the ring and yoke are assembled by bending the structure along bend lines at the junction of the bobbins with the connection strip to form diametrically opposite coils around the pole tip projections, the bobbins being connected by the strip, the strip and bobbins occupying the spaces between the outer ring and the inner yoke. Bearing elements for the rotor are then added for rotatably supporting the rotor in place.

DETDESC:

DETD(2)

Referring to FIGS. 1-3, the electric motor 10 in which the coil support 11 of the invention is intended for use is a shaded pole motor having two poles. The stator assembly, less coils, is shown in FIG. 1 and comprises an outer stator ring 12 and an inner stator yoke 13 spaced therefrom. The yoke 13 has copper shading coils 14 assembled and connected as shown in FIG. 1, the shading coils being strips of copper disposed in appropriate slots and having their ends bent over and welded to the stator coil pole tips. The shading coils 14 are located adjacent the restricted pole tip portions 15a of yoke 13.

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(FILE 'USPAT' ENTERED AT 11:20:37 ON 14 JUN 95)

SET PAGELength 62

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L1 247 S INNER STATOR  
 L2 77 S INSIDE STATOR  
 L3 113 S INTERNAL STATOR  
 L4 426 S L1 OR L2 OR L3  
 L5 761 S SUB FRACTIONAL HORSEPOWER  
 L6 52 S SUBFRACTIONAL HORSEPOWER  
 L7 77 S L5 AND INDUCTION MOTOR  
 L8 126 S L6 OR L7  
 L9 1 S L4 AND L8

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